

Name _____ Date _____

Write each number in scientific notation.

$0.07882 = \underline{\hspace{10em}}$

$0.00000272338 = \underline{\hspace{10em}}$

$118000 = \underline{\hspace{10em}}$

$87200 = \underline{\hspace{10em}}$

$0.00002786 = \underline{\hspace{10em}}$

$0.000000664 = \underline{\hspace{10em}}$

$450 = \underline{\hspace{10em}}$

$74171.7 = \underline{\hspace{10em}}$

$770 = \underline{\hspace{10em}}$

$0.0000085 = \underline{\hspace{10em}}$

Answer Key

Write each number in scientific notation.

$$0.07882 = \underline{7.882 \times 10^{-2}}$$

$$0.00000272338 = \underline{2.72338 \times 10^{-6}}$$

$$118000 = \underline{1.18 \times 10^5}$$

$$87200 = \underline{8.72 \times 10^4}$$

$$0.00002786 = \underline{2.786 \times 10^{-5}}$$

$$0.000000664 = \underline{6.64 \times 10^{-7}}$$

$$450 = \underline{4.5 \times 10^2}$$

$$74171.7 = \underline{7.41717 \times 10^4}$$

$$770 = \underline{7.7 \times 10^2}$$

$$0.0000085 = \underline{8.5 \times 10^{-6}}$$

Name _____ Date _____

Write each number in e notation.

$$62360 = \underline{\hspace{10cm}}$$

$$147000 = \underline{\hspace{10cm}}$$

$$0.01388 = \underline{\hspace{10cm}}$$

$$0.0000445473 = \underline{\hspace{10cm}}$$

$$526 = \underline{\hspace{10cm}}$$

$$372123 = \underline{\hspace{10cm}}$$

$$583 = \underline{\hspace{10cm}}$$

$$0.0000573 = \underline{\hspace{10cm}}$$

$$0.000008738 = \underline{\hspace{10cm}}$$

$$0.000000813253 = \underline{\hspace{10cm}}$$

Answer Key

Write each number in e notation.

$$62360 = \underline{6.236e4}$$

$$147000 = \underline{1.47e5}$$

$$0.01388 = \underline{1.388e-2}$$

$$0.0000445473 = \underline{4.45473e-5}$$

$$526 = \underline{5.26e2}$$

$$372123 = \underline{3.72123e5}$$

$$583 = \underline{5.83e2}$$

$$0.0000573 = \underline{5.73e-5}$$

$$0.000008738 = \underline{8.738e-6}$$

$$0.000000813253 = \underline{8.13253e-7}$$

Name _____ Date _____

Write each number in standard format.

$$3.443 \times 10^{-7} = \underline{\hspace{10cm}}$$

$$7.75763 \times 10^{-7} = \underline{\hspace{10cm}}$$

$$5.8 \times 10^{-7} = \underline{\hspace{10cm}}$$

$$1.525 \times 10^6 = \underline{\hspace{10cm}}$$

$$6.58157 \times 10^7 = \underline{\hspace{10cm}}$$

$$5.1821 \times 10^{-4} = \underline{\hspace{10cm}}$$

$$1.21 \times 10^{-7} = \underline{\hspace{10cm}}$$

$$5.2314 \times 10^{-7} = \underline{\hspace{10cm}}$$

$$7.141 \times 10^{-5} = \underline{\hspace{10cm}}$$

$$5.256 \times 10^6 = \underline{\hspace{10cm}}$$

Answer Key

Write each number in standard format.

$$3.443 \times 10^{-7} = \underline{0.0000003443}$$

$$7.75763 \times 10^{-7} = \underline{0.000000775763}$$

$$5.8 \times 10^{-7} = \underline{0.00000058}$$

$$1.525 \times 10^6 = \underline{1525000}$$

$$6.58157 \times 10^7 = \underline{65815700}$$

$$5.1821 \times 10^{-4} = \underline{0.00051821}$$

$$1.21 \times 10^{-7} = \underline{0.000000121}$$

$$5.2314 \times 10^{-7} = \underline{0.00000052314}$$

$$7.141 \times 10^{-5} = \underline{0.00007141}$$

$$5.256 \times 10^6 = \underline{5256000}$$

Name _____ Date _____

Write each number in standard format.

$$2.1463e2 = \underline{\hspace{10cm}}$$

$$2.86e-3 = \underline{\hspace{10cm}}$$

$$7.62e-2 = \underline{\hspace{10cm}}$$

$$6.443e7 = \underline{\hspace{10cm}}$$

$$7.284e-4 = \underline{\hspace{10cm}}$$

$$3.0e-5 = \underline{\hspace{10cm}}$$

$$1.88684e7 = \underline{\hspace{10cm}}$$

$$5.15e6 = \underline{\hspace{10cm}}$$

$$6.37e-2 = \underline{\hspace{10cm}}$$

$$5.545e-7 = \underline{\hspace{10cm}}$$

Answer Key

Write each number in standard format.

$$2.1463e2 = \underline{214.63}$$

$$2.86e-3 = \underline{0.00286}$$

$$7.62e-2 = \underline{0.0762}$$

$$6.443e7 = \underline{64430000}$$

$$7.284e-4 = \underline{0.0007284}$$

$$3.0e-5 = \underline{0.00003}$$

$$1.88684e7 = \underline{18868400}$$

$$5.15e6 = \underline{5150000}$$

$$6.37e-2 = \underline{0.0637}$$

$$5.545e-7 = \underline{0.0000005545}$$

Name _____ Date _____

Write each number in standard format.

$$6.52 \times 10^3 = \underline{\hspace{10em}}$$

$$4.6322 \times 10^4 = \underline{\hspace{10em}}$$

$$8.66185 \times 10^4 = \underline{\hspace{10em}}$$

$$8.71 \times 10^4 = \underline{\hspace{10em}}$$

$$7.0 \times 10^{-5} = \underline{\hspace{10em}}$$

Write each number in scientific notation.

$$6520 = \underline{\hspace{10em}}$$

$$46322 = \underline{\hspace{10em}}$$

$$86618.5 = \underline{\hspace{10em}}$$

$$87100 = \underline{\hspace{10em}}$$

$$0.00007 = \underline{\hspace{10em}}$$

Answer Key

Write each number in standard format.

$$6.52 \times 10^3 = \underline{6520}$$

$$4.6322 \times 10^4 = \underline{46322}$$

$$8.66185 \times 10^4 = \underline{86618.5}$$

$$8.71 \times 10^4 = \underline{87100}$$

$$7.0 \times 10^{-5} = \underline{0.00007}$$

Write each number in scientific notation.

$$6520 = \underline{6.52 \times 10^3}$$

$$46322 = \underline{4.6322 \times 10^4}$$

$$86618.5 = \underline{8.66185 \times 10^4}$$

$$87100 = \underline{8.71 \times 10^4}$$

$$0.00007 = \underline{7.0 \times 10^{-5}}$$

Name _____ Date _____

Write each number in standard format.

$$5.513e7 = \underline{\hspace{10cm}}$$

$$4.12382e-3 = \underline{\hspace{10cm}}$$

$$6.54766e-5 = \underline{\hspace{10cm}}$$

$$5.3e3 = \underline{\hspace{10cm}}$$

$$8.32e-2 = \underline{\hspace{10cm}}$$

Write each number in e notation.

$$55130000 = \underline{\hspace{10cm}}$$

$$0.00412382 = \underline{\hspace{10cm}}$$

$$0.0000654766 = \underline{\hspace{10cm}}$$

$$5300 = \underline{\hspace{10cm}}$$

$$0.0832 = \underline{\hspace{10cm}}$$

Answer Key

Write each number in standard format.

$$5.513e7 = \underline{55130000}$$

$$4.12382e-3 = \underline{0.00412382}$$

$$6.54766e-5 = \underline{0.0000654766}$$

$$5.3e3 = \underline{5300}$$

$$8.32e-2 = \underline{0.0832}$$

Write each number in e notation.

$$55130000 = \underline{5.513e7}$$

$$0.00412382 = \underline{4.12382e-3}$$

$$0.0000654766 = \underline{6.54766e-5}$$

$$5300 = \underline{5.3e3}$$

$$0.0832 = \underline{8.32e-2}$$